

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

SUDIPTA SEAL, ET AL.)

Serial No: TBA)

Filed: Concurrently Herewith)

For: **SYNTHESIS OF TETRAGONAL PHASE STABILIZED NANO AND SUBMICRON
SIZED NANOPARTICLES**)

INFORMATION DISCLOSURE STATEMENT

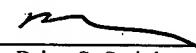
Honorable Commissioner of Patents
and Trademarks
Washington DC 20231

Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, Applicant hereby requests that the references listed in the attached form PTO-1449 be considered and made of record in the above-identified application.

Favorable consideration of the application at an early date is respectfully solicited.

Respectfully submitted,

By: 

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Date: 9/5/03

**US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

APPLICANT: **SUDIPTA SEAL**
 FOR: **SYNTHESIS OF TETRAGONAL PHASE STABILIZED NANO AND SUBMICRON SIZED NANOPARTICLES**

LIST OF ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

| EXAMINER | DOCUMENT NO. | NAME | DATE | CLASS | SUBCLASS |
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| AH | 6,482,537 B1 | STRANGMAN | 11/19/2002 | 428/633 | |

PATENT APPLICATION PUBLICATIONS

NONE

FOREIGN ART

NONE

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- OA (2003) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. POLYMER SURFACTANT INCORPORATED CERAMIC OXIDE NANOPARTICLES. Rev. Adv. Matter. Sci 4, pp. 109
- OB (2002) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. EFFECT OF HPC AND WATER CONCENTRATION ON THE EVOLUTION OF SIZE, AGGREGATION AND CRYSTALLIZATION OF SOL-GEL NANO ZIRCONIA. Journal Nanoparticle Research 4: pp. 553-559
- OC (2003) S. Shukla, S. Seal, VanFleet. SOL-GEL SYNTHESIS AND PHASE EVOLUTION BEHAVIOR OF STERICALLY STABILIZED NANOCRYSTALLINE ZIRCONIA. Journal of Sol-Gel Science and Technology 27, pp.119-136
- OD (2002) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay, & Z. Rahman. EFFECT OF NANOCRYSTALLITE MORPHOLOGY ON THE METASTABLE TETRAGONAL PHASE STABILIZATION IN ZIRCONIA. Nano Letters Vol. 2, No. 9, American Chemical Society pp. 989-993
- OE (2003) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay. REDUCED ACTIVATION ENERGY FOR GRAIN GROWTH IN NANOCRYSTALLINE YTTRIA-STABILIZED ZIRCONIA. Nano Letters Vol. 2, No. 9, American Chemical Society pp. 397-401